EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S310	29484	324/207.21,252.ccls. 338/32R.ccls. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccls. 438/3,10,14,17,48.ccls. 29/592,592.1,595,602.1,603.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S311	20563	S310 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S312	3379	S311 and (prinned fixed) near3 (layer level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S313	193	S312 and (bridge wheatstone) same (magneto$1resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S314	355	S312 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S315	162	S314 not S313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S316	51058	S312 and ("8" eight plural$3 multipl$3 additional) near3 (magneto$1resist$4 gmr tmr cmr) ("2" two plural$3 multipl$3 additional) near3 (bridge wheatstone) dual$1bridge dual adj bridge dual$1wheatstone dual adj wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S317	582	S316 not S315	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S318	814	S317 not S313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S319	131	S312 and (bridge wheatstone) same (gmr tmr cmr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S320	90	S319 not S313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S321	8292	(spin$3 valve spin adj valve) and (gmr tmr cmr magneto$1 resis$54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S322	25685	S321 and (pinned fixed) near3 (layer level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S323	5977	S322 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S324	5126	S322 and (("2" two plural$3 multipl$3 additional) near3 (bridge wheatstone) dual$3 bridge dual adj bridge dual$3 wheatstone dual adj wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S325	3235	S24/207.2l,252.ccls. 338/32R.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S326	3444	S325 and (spin$3 valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S327	7	3"20030070497"	"20060103381"	"6175296"	"6313627"	"6366079"	"6501678"	"6946834".PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:03
S328	18	3"6501678").URPN.	USPAT	OR	ON	2010/09/24 11:03
S329	8	3"5477482"	"5561368"	"5617071"	"5945825"	"5100686"	"6175296"	"6178111"	"6326818").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:03
S330	5211	S311 and direction near3 magneti$55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S331	1489	S330 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S332	225	S331 not S314	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S333	6144	S311 and ((pinned fixed hard) near3 (layer level direction) direction near3 magneti$55)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S334	5127	S333 and (spin$3 valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S335	29484	S324/207.21,252.ccds. 338/32R.ccds. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccds. 438/3,10,14,17,48.ccds. 29/592,592.1,595,602.1,603.01.ccds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S336	20563	S335 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S337	6144	S336 and ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S338	5127	S337 and (spin$1 valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S339	949	S338 and (bridge wheatstone) ("2" two second additional plural$3 multipl$3) near5 (gmr tmr magneto$1resis$4 magnetic near3 resis$4 sens$3 detect$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz$5) with (cross$3 perpendicular$2 orthogonal$2 normal$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S340	5	3"200200060.17" | "5315282" | "5561368" | "5945825" | "6465053").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:03
S341	3422	S337 and ((bridge wheatstone) ("2" two second additional plural$3 multipl$3) near5 (gmr tmr magneto$1resis$4 magnetic near3 resis$4 sens$3 detect$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz$5) with (cross$3 perpendicular$2 orthogonal$2 normal$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S342	473	S341 not S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S343	24258	((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz$5) and (magneto$1resis$4 magnetic near3 resis$4 gmr tmr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S344	15963	S343 and (substrate semiconductor wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S345	1429	S344 and ("2" two second additional plural$3 multipl$3) near5 (gmr tmr magneto$1resis$4 magnetic near3 resis$4 sens$3 detect$3 probe transducer) same ((pinned fixed hard) near3 (layer level direction) direction near3 magnetiz$5) with (cross $3 perpendicular$2 orthogonal$2 normal$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S346	502	S345 not S342 not S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S347	1360	S344 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S348	700	S347 not S346 not S342 not S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S349	151862	(pinned fixed hard) near3 layer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S350	15681	S349 and (gmr tmr magneto$1resist$4 magnetic near3 resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S351	11537	S350 and (bridge wheatstone (plural$4 multipl$4 several two "2" second additional)) same (gmr tmr magneto$1resist$4 magnetic near3 resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S352	935	S351 and ("x-axis" x near3 axis) and ("y-axis" y near3 axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S353	677	S351 and (multi$1axis (plural$4 multipl$4 several additional "2" two) near3 axis)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S354	825	S353 not S352	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S355	2893	365/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S356	334557	"324".clas. "338".clas. "360".clas. "438".clas. "29".clas. "365".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S357	31182	S356 and (gmr tmr magneto$1resist$4 magnetic near3 resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S358	11474	S357 and ((pinned fixed hard) near3 (layer axis) spin$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S359	3590	S358 and ((plural$4 multipl$4 several "4" four fourth) near3 (magnetic near3 resist$4 gmr tmr spin$1valve spin adj valve magneto$1resist$4) (bridge wheatstone) same (gmr tmr spin$1valve spin adj valve magneto$1resist$4 magnetic near3 resist $4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S360	13580	((pinned fixed hard) near3 (layer axis) spin$1valve spin adj valve) same (gmr tmr magneto$1resist$4 magnetic near3 resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S361	9038	(S360 and ((plural$4 multipl$4 several "4" four fourth) near3 (magnetic near3 resist$4 gmr tmr spin$1valve spin adj valve magneto$1resist$4) (bridge wheatstone) same (gmr tmr spin$1valve spin adj valve magneto$1resist$4 magnetic near3 resist$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S362	934557	"324".clas. "338".clas. "360".clas. "438".clas. "29".clas. "365".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S363	91182	S362 and (gmr tmr magneto$1resist$4 magnetic near3 resist$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S364	11474	S363 and ((pinned fixed hard) near3 (layer axis) spin$1valve spin adj valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S365	9590	S364 and ((plural$4 multipl$4 several "4" four fourth) near3 (magnetic near3 resist$4 gmr tmr spin$1valve spin adj valve magneto$1resist$4) (bridge wheatstone) same (gmr tmr spin$1valve spin adj valve magneto$1resist$4 magnetic near3 resist$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S366	722	S361 not S365	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S367	308	3'324/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S368	944	360/314,324.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S369	1204	(SATO near3 HIDEKI).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S370	32	(OOHASHI near3 TOSHIYUKI).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S371	98	(WAKUI near3 YUKIO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S3372	892	(YOSHIDA near3 SUSUMU).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3373	42	(AISO near3 KOKICHI).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3374	54	(S369 S372) and (gmr tmr magneto$1resist$4 magnetic near3 resist$4) same (spin$1valve spin adj valve (pinned fixed hard) near3 (layer axis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3375	56	(S369 S372) and (gmr tmr magneto$1resist$4 magnetic near3 resist$4) and (spin$1valve spin adj valve (pinned fixed hard) near3 (layer axis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3376	1774	S364 and ((eight "8" eighth) near3 (magnetic near3 resist$4 gmr tmr spin$1valve spin adj valve magneto$1resist$4) (bridge wheatstone) same (gmr tmr spin$1valve spin adj valve magneto$1resist$4 magnetic near3 resist$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3377	439	S376 not S365	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3378	2029	S360 and ((eight "8" eighth) near3 (magnetic near3 resist$4 gmr tmr spin$1valve spin adj valve magneto$1resist$4) (bridge wheatstone) same (gmr tmr spin$1valve spin adj valve magneto$1resist$4 magnetic near3 resist$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3379	585	S378 not S377 not S365	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3380	81	S379 not S366	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3381	447	324/247.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3382	46	324/247,252.ccls. and ((pinned hard fixed) near3 (layer axis) and (gmr tmr magneto$1resist$4 magnetic near3 resist$4)).clm.	US-PGPUB	OR	ON	2010/09/24 11:03
S3383	5	("20020060177" | "5315282" | "5561368" | "5945825" | "6469053").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:03
S3384	934557	"324".clas. "338".clas. "360".clas. "438".clas. "29".clas. "365".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S3385	5697	S384 and tunnel$3 near3 magneto$1resist$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S386	610	S384 and tunnel$3 near3 magneto$1resist$4 with ("4" four fourth eight eighth bridge wheatstone plural$4 multipl$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S387	801	tunnel$3 near3 magneto$1resist$4 with ("4" four fourth eight eighth bridge wheatstone plural$4 multipl$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S388	191	S387 not S386	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S389	996	tunnel$3 near3 (magnetic near3 resist$4 magneto$1resist$4) with ("4" four fourth eight eighth bridge wheatstone plural$4 multipl$4 several additional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S390	195	S389 not S388 not S387	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S391	73	324/247,252.ccls. and ((spin$1valve spin adj valve (pinned hard fixed) near3 (layer axis) and (gmr magneto$1resist$4 magnetic near3 resist$4)) (tunnel$3 near3 (magneto$1resist$4 magnetic near3 resist$4) tmr).ctm.	US-PGPUB	OR	ON	2010/09/24 11:03
S392	25770	(bridge wheatstone) and (spin$1valve spin adj valve (pinned hard fixed bias$3) near3 (film layer) and (soft free easy) near3 (layer film))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S393	1311	S392 and (bridge wheatstone) near3 ("2" two plural$4 multipl$4 second additional several) bridges! wheatstones!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S394	528	S393 and (magneto$1resist$4 magnetic near3 resist$4 gmr tmr cme)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S395	18	("6501678").URPN.	USPAT	OR	ON	2010/09/24 11:03
S396	9	("6313027").URPN.	USPAT	OR	ON	2010/09/24 11:03
S397	4	("4401944" | "5561368" | "5686837" | "5945825").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/24 11:03
S398	942	S393 and (soft spin$1dependent$1tunnel$4 spin adj dependent adj tunnel$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S399	29484	324/207.21,252.ccls. 338/32R.ccls. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccls. 438/3,10,14,17,48.ccls. 29/592,592.1,595,602.1,603.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S400	9708	S399 and ((spin$1valve spin adj valve soft spin$1dependent$1tunnel$5 spin adj dependent adj tunnel$5 tmr tunnel$5 spin$3 magneto$1resist$4 tunnel$5 near3 magnetic near3 resist$4 magnetic adj tunnel$5 adj junction magnetic$1tunnel$5junction)) (pinned fixed hard bias$3) near3 (layer film axis) and (easy soft free) near3 (layer film axis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03

S401	1462	S400 and ((dual plural$4 multip)$4 "2" two second additional several multi) near3 (bridge wheatstone) dual$1bridge dual$1wheatstone multi$1bridge multi$1wheatstone ("5" five fifth "6" sixth six "7" seven seventh "8" eight eighth) near3 (spin $1valve spin adj valve soft spin$1dependent$1tunnel$5 spin adj dependent adj tunnel$5 tmr tunnel$5 near3 magneto$1resist$4 tunnel$5 near5 magnetic near3 resist$4 magnetic adj tunnel$5 adj junction magnetic$1tunnel$6junction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S402	29484	324/207.21,252.ccls. 338/32R.ccls. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccls. 438/3,10,14,17,48.ccls. 29/592,592.1,595,602.1,603.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S403	6708	S402 and ((spin$1valve spin adj valve soft spin$1dependent$1tunnel$5 spin adj dependent adj tunnel$5 tmr tunnel$5 near3 magneto$1resist$4 tunnel$5 near5 magnetic near3 resist$4 magnetic adj tunnel$5 adj junction magnetic$1tunnel$6junction) ((pinned fixed hard bias$3) near3 (layer film axis) and (easy soft free) near3 (layer film axis)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S404	3	S403 and ((pin$3 array$3) near3 (bridge wheatstone) near3 (spin$1valve spin adj valve soft spin$1dependent$1tunnel$5 spin adj dependent adj tunnel$5 tmr tunnel$5 near3 magneto$1resist$4 tunnel$5 near5 magnetic near3 resist$4 magnetic adj tunnel$5 adj junction magnetic$1tunnel$6junction))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S405	29484	324/207.21,252.ccls. 338/32R.ccls. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccls. 438/3,10,14,17,48.ccls. 29/592,592.1,595,602.1,603.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S406	3	S405 and (bridge wheatstone) with near$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S407	2	"5602471".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S408	78	S405 and (bridge wheatstone) near3 within	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 11:03
S409	29484	324/207.21,252.ccls. 338/32R.ccls. 360/313,314,315,316,317,318,318.1,319,320,321,322,323,324,324.1,324.11,324.12,324.2,325,326,327,327.1,327.11,327.2,327.21,327.22,327.23,327.24,327.3,327.31,327.32,327.33.ccls. 438/3,10,14,17,48.ccls. 29/592,592.1,595,602.1,603.01.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 16:33
S411	1035	S409 and mtj	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 16:34
S412	76	S411 and (bridge wheatstone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 16:34

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S419	19	324/247,252.ccls. and ((spin$1valve spin adj valve (pinned hard fixed) near3 (layer axis) and (free easy soft) near3 (axis layer)) and (substrate wafer IC integrated adj circuit) and (bridge wheatstone) and (gmr magneto$1resist$4 magnetic near3 resist$4 adj tmr tunnel$5 mtj).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:35
S420	5217	(SATO near3 HIDEKI).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:58
S421	25	(OOHASHI near3 TOSHIYUKI).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:58
S422	47	(WAKUI near3 YUKIO).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:58

S423	387	(YOSHIDA near3 SUSUMU).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:58
S424	22	(AISO near3 KOKICHI).in.	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 16:58
S426	83	(S420 S421 S422 S423 S424) and (gmr magneto$1resisit$4 magnetic near3 resist$4 sift tmr tunnel$5 mtj)	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 17:00
S427	116	(S420 S421 S422 S423 S424) and (magnetic near3 (sens$4 probe transduc$4 detec$4))	US-PGPUB; USPAT; UPAD	OR	ON	2010/09/24 17:03

9/30/2010 4:07:44 PM
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